

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

Applicants: **Blake A. SIMMONS, Robert CROCKER,  
Paul M. DENTINGER, Marion C. HUNTER,  
Kamlesh PATEL, Jonathan SALA**

Atty. Doc.: **Sandia-2(SD8485)**

Serial No.: **10/712,808**

Filed: **November 12, 2003**

Group Art Unit: **1732**

Confirmation No.: **7853**

Examiner: **Jeffrey Michael WOLLSCHLAGER**

Title: **POLYMERIZATION WELDING AND APPLICATION TO  
MICROFLUIDICS**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

I believe that **no additional claim fee** is required for the accompanying amendment submitted in connection with the above-captioned application.

In the event a fee is due, kindly charge that fee to my deposit account number 13-3083. To facilitate that charge, a duplicate copy of this letter is enclosed herewith.

Respectfully submitted,

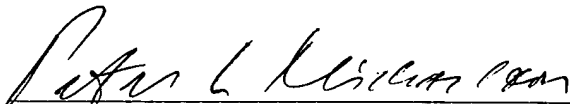
February 16, 2007

Peter L. Michaelson, Attorney  
Reg. No. 30,090  
Customer No. 54,520  
(732) 542-7800

MICHAELSON & ASSOCIATES  
Counselors at Law  
P.O. Box 8489  
Red Bank, New Jersey 07701-8489

CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on **February 16, 2007** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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30,090  
Reg. No.

(SANDIA2NOFEELTR021607/dmd:Sitka)



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SIR:

**AMENDMENT**

In response to the Office Action dated October 17, 2006 (Paper Number 20061005), please amend the above-identified application as described herein.

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks and arguments begin on page 9 of this paper.